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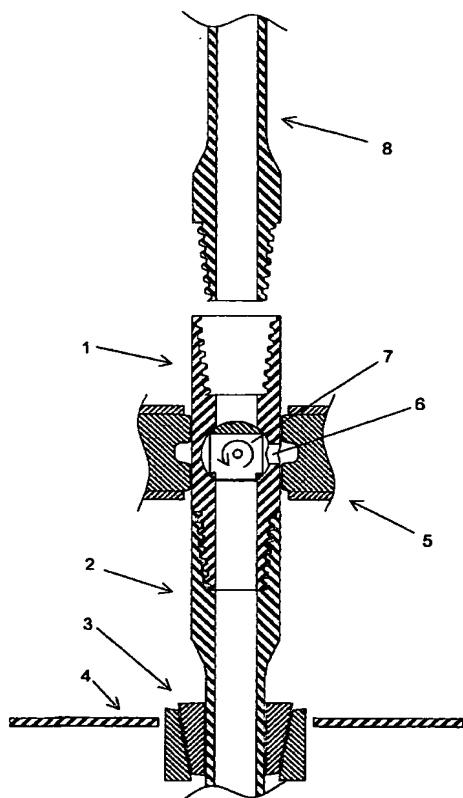
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(54) Title: METHOD AND APPARATUS FOR ADDING A TUBULAR TO DRILL STRING WITH DIVERTER



Not to scale

(57) Abstract: Apparatus and a method for adding and removing tubulars whilst containing the pressure within a drill string and/or maintaining circulation of drilling fluid down a drill string using a diverter sub which is able to open up to mud flow from a side mud port and close off the flow of mud from above the drill string with or without continuous rotation of the drill string.



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